

RECEIVED BY
(November 1983)
(formerly 9-331C)
APR 18 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN PLICATE*
(Other instructions on
reverse side)

30-015-24345
Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

DRILL ☒ DEEPEN ☐ PLUG BACK ☐

D. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
BEACH EXPLORATION, INC. (Mr. Carl Beach)
(915-683-6226)

3. ADDRESS OF OPERATOR
P. O. Box 3669, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
660' FSL & 660' FEL of Section
At proposed prod. zone (Unit P)
same (SE 1/4 SE 1/4)

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
18 air miles east-northeast of Artesia, New Mexico

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 660' (660')

16. NO. OF ACRES IN LEASE
880

17. NO. OF ACRES ASSIGNED
TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. NA

19. PROPOSED DEPTH
1900' Queen

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3650' G.L.

22. APPROX. DATE WORK WILL START*
April 15, 1985

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24.0#	250-280'	Sufficient to circulate
7 7/8"	4 1/2"	10.5#	1900'	150 sacks

Pay zone will be selectively perforated and stimulated as needed for optimum production.

Attached are: 1. Well Location & Acreage Dedication Plat
2. Supplemental Drilling Data
3. Surface Use Plan

Designation of Operator executed on 3-29-85 by Exxon Corp. is attached. Leasehold operations are covered by Exxon's \$150,000 nationwide bond.

(On 11-23-82, the drilling of Exxon Corporation's Well #1 Kirkpatrick was approved at this location. Access road and 400' x 400' drillsite area, which were archaeologized by E.N.M.U. (Ref. #83-095), were constructed but well was never spudded.)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED James A. Knaut TITLE Agent DATE April 5, 1985
(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DATE 4-17-85
CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-122
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

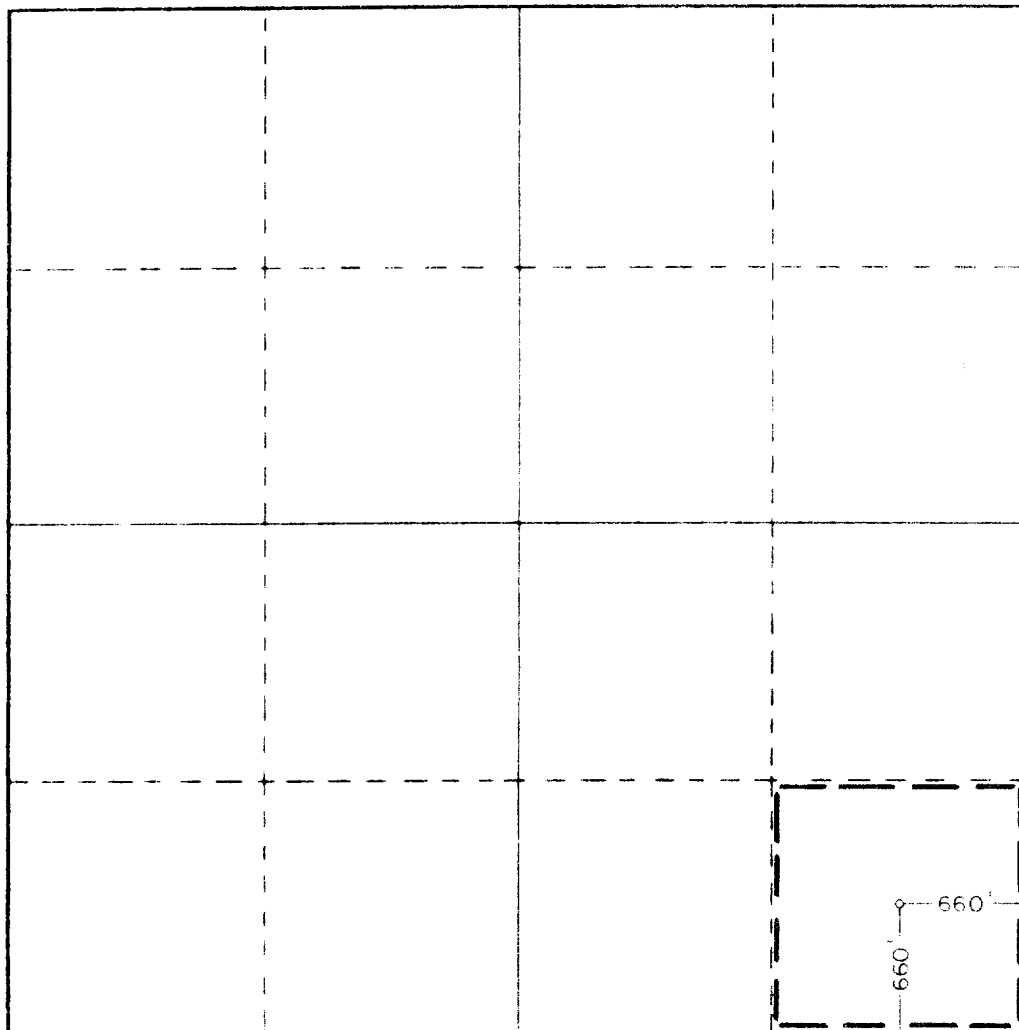
Operator BEACH EXPLORATION, INC.			Lessee EXXON FEDERAL		Well No. 1
Map Letter P	Section 18	Township 16S	Range 29E	County EDDY	
Actual Portage Location of Well: 660 feet from the SOUTH line and 660 feet from the EAST line					
Ground Level Elev. 3649.7	Producing Formation Queen		Pool High Lonesome - Queen		Estimated Acreage 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

James A. Knaut

James A. Knaut

Agent

Company
BEACH EXPLORATION, INC.

Date
April 5, 1985

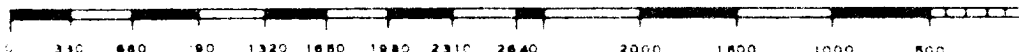
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
3/30/85

Registered Professional Engineer
and/or Land Surveyor

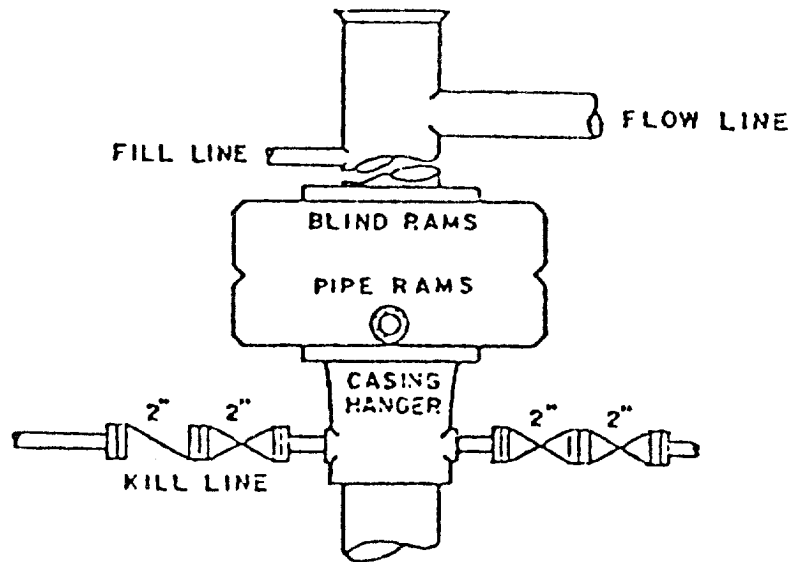
John W. West

Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239



BLOWOUT PREVENTER ARRANGEMENT

Beach Exploration, Inc.
Well #1 Exxon Federal
SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-16S-29E



SUPPLEMENTAL DRILLING DATA

BEACH EXPLORATION, INC.
WELL #1 EXXON FEDERAL
SE $\frac{1}{4}$ SE $\frac{1}{4}$ SEC. 18-16S-29E
EDDY COUNTY, NEW MEXICO

1. SURFACE FORMATION: Sandy soils of Quaternary Age.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Anhydrite	250'	Seven Rivers	910'
Salt	280'	Queen	1500'
Base Salt	610'	Penrose	1730'
Yates	760'	Grayburg	1890'

3. ANTICIPATED POROSITY ZONES:

Water: Above 150'
Oil: Seven Rivers, Queen, and Grayburg.

4. CASING DESIGN:

<u>Size</u>	<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>
8 5/8"	0 - 280'	24.0#	K-55	STC
4 1/2"	0 - 1900'	10.5#	K-55	STC

5. PRESSURE CONTROL EQUIPMENT: Double Ram-Type Preventer.

6. CIRCULATING MEDIUM:

0 - 280' Fresh water mud with gel or lime as needed for viscosity control.

280 - 1500' Brine water.

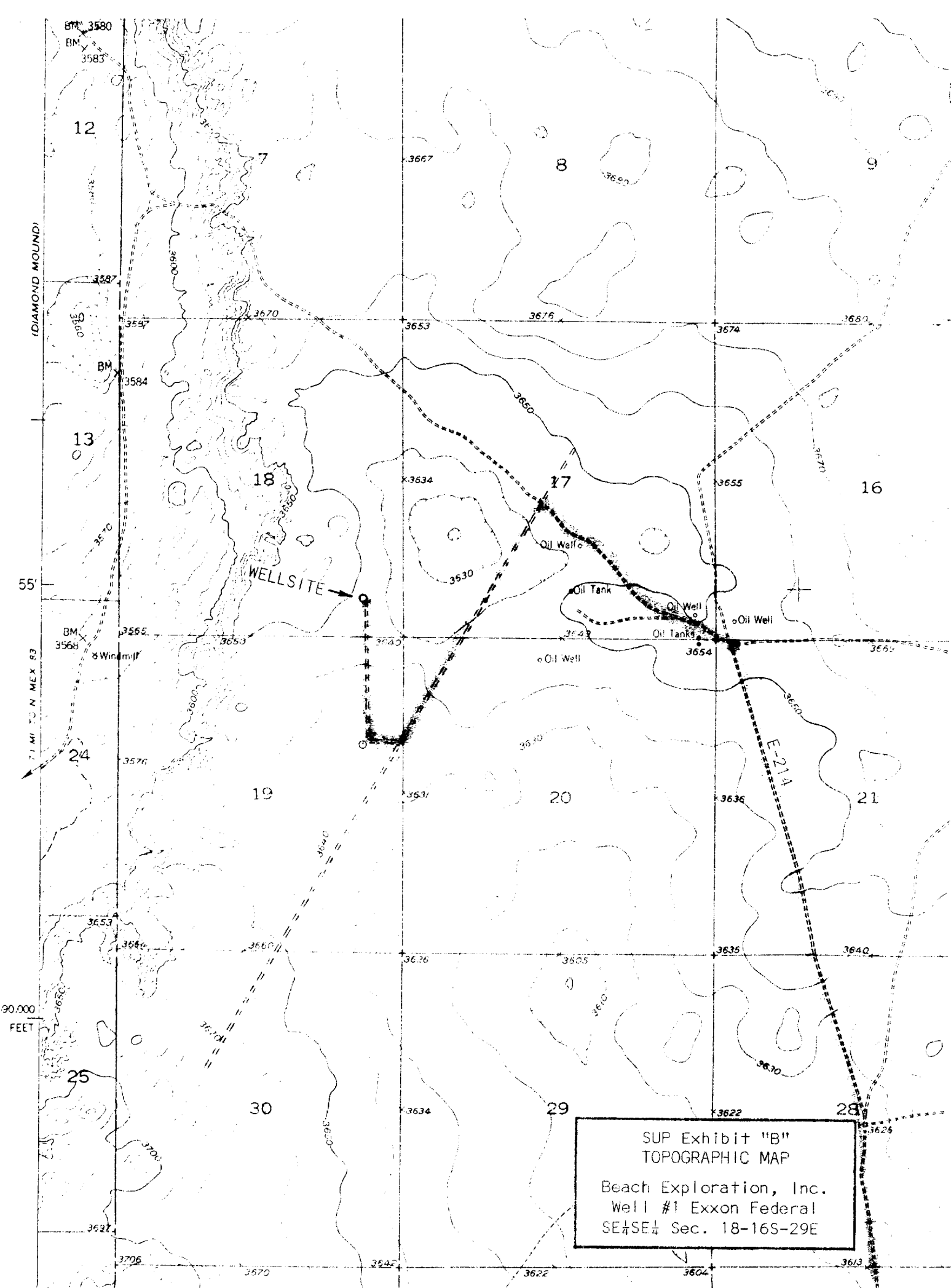
1500 - 1900' Salt water mud, conditioned as necessary for control of viscosity and water loss.

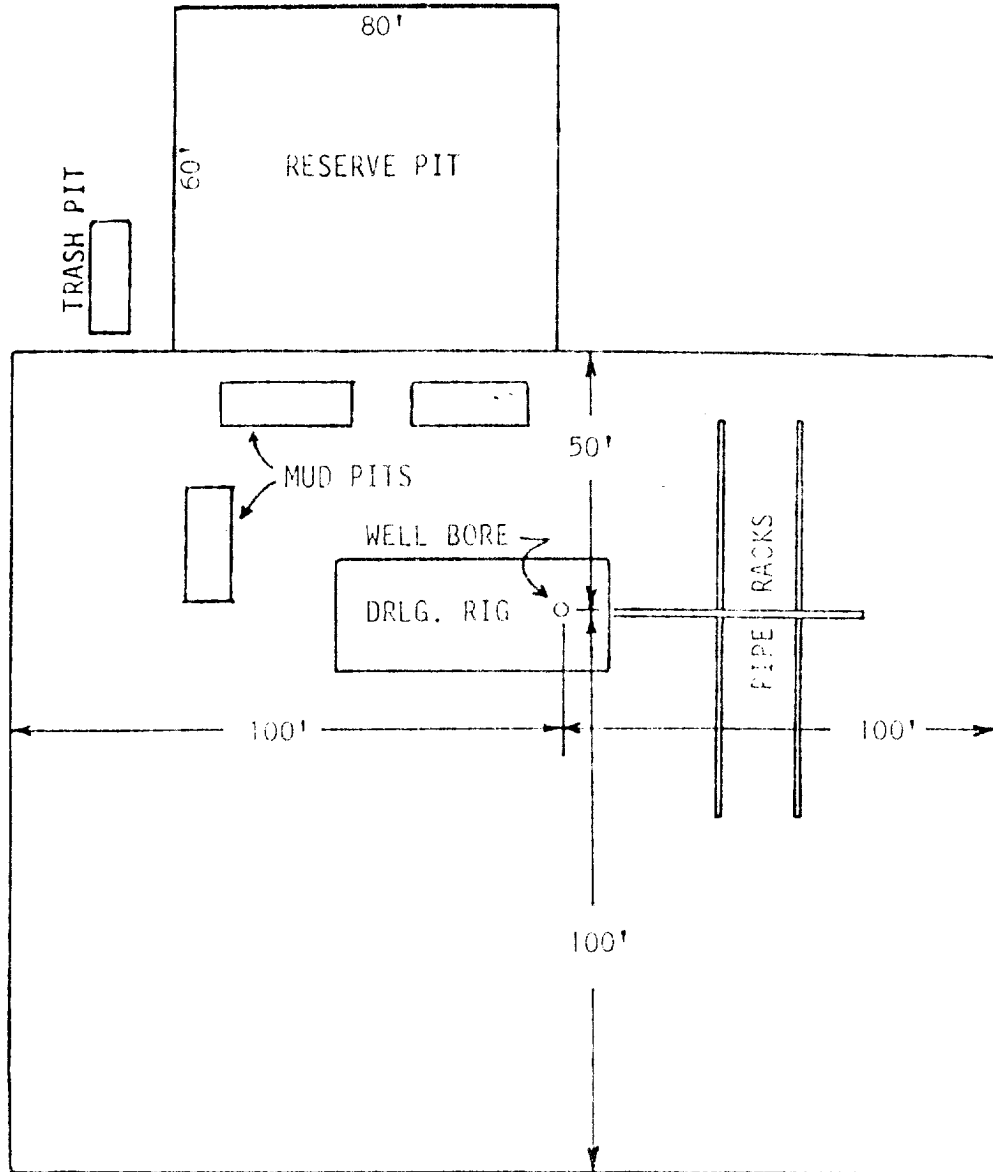
7. AUXILIARY EQUIPMENT: Drill string safety valve.

8. TESTING, LOGGING AND CORING PROGRAMS: No coring or DST's are planned. Electric logs will include a CNL-FDC w/GR.

9. ABNORMAL PRESSURES, TEMPERATURES OR GASES: None anticipated.

10. ANTICIPATED STARTING DATE: It is planned that operations will commence about April 15, 1985. Duration of drilling, testing, and completion operations should be 10-40 days.





SUP Exhibit "D"
 SKETCH OF WELL PAD
 Beach Exploration, Inc.
 Well #1 Exxon Federal
 SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-16S-29E